

Abstract of the Disclosure:

A device for application in a fan configuration is configured, in particular, to be directly driven by an electric motor. In the fan configuration, a centrifugal fan wheel is mounted to rotate in unison with a drive shaft. The centrifugal fan wheel, for producing a directed airflow, is surrounded by a fan housing. A seal is disposed in an admission orifice, for largely filling in an air gap between the centrifugal fan wheel and the inner surface of the fan housing. Such a configuration improves the housing and sealing thereof for an application in a vacuum cleaner by having the sealing device be embodied as a sealing ring linked to a buffer part out of the fan housing, which part tightly surrounds the admission orifice.

GLM/nt